221

G R. 1909

12 of 09

Sr. No: 1-9

"Application of Ernest Holroyd Moulton & the Langlaagte Johannesburg Transvaal for leave to file a ~~spec~~ specification & in respect of an Invention for Improvements the preparation & one and the like for milling"

Previous references.

G.R. File No. 12-09

1909-10

Serial Nos. 1-9

(Genl. Mis.)

Later references.

sl 10 -26 of the same file B.IV '11

GENERAL AND REVENUE SECRETARIAT.

✓

Serial Nos. 1 — 9

Part B. for August '09.

SUBJECT.

Application of Mr. Ernest Holroyd Martin of the Langlaagte Estate, Langlaagte, Johannesburg, Transvaal, for leave to file a specification in respect of an invention for 'Improvements in the preparation of ore & the like for milling'.

From Messrs. Newbery & Co, Calcutta. Letter No. 29-6-09.

1. Forwards application of Mr. Ernest Holroyd Martin for leave to file abve named invention.

2. To the Supdt of Stamps. No. G.182 dt 12-7-09.
Forwards with Re.1/- the power of attorney deed dated with sl-1 for being impressed with Re-1- stamp & returned.

3. To the State Geologist. No. G.183 dt 12-7-09.
Forwards for opinion the Specification received with sl-1.

4. To the Officer in charge of the State Huzur Treasury. No. G.184 dt 12/
Forwards Rs-10/- received with sl 1 & requests acknowledgment.

5. From —do— No 21 dt 12-7-09. Acknowledges receipt of Rs-10/-
G. R. S. 58

6. From the Supdt of Stamps. No-11 dt 13-7-09. — Returns the Power of Attorney sent with sl-2.

To the Supdt of Stamps. No. G. 368 dt 22 1/09.

Acknowledges receipt of the Power of Attorney sent with sl. 6.

From the State Geologist No. 225 dt 23.7.09.

States with reference to sl. 3 that the claims put forward by the inventor are too comprehensive and that it is undesirable to grant a ~~pent~~ patent in such general terms &c.

To Messrs. Remfry and Son, Calcutta. No. G. 753 dt 9/8/09

Informs them that for reasons stated, the application for leave to file the Specification cannot be entertained

G.R.S. 11] 190 8-10

GENERAL AND REVENUE SECRETARIAT

(Gen-Rev)

NOTES.

Gen File. No. 12 of 08-10.

FILE HEADING.

Direction for "Improvements" in the preparation of ore and the like for milling" by Ernest Holroyd Martin

From

Messrs Rempfry and Jon. J Calcutta

No. Letter Dated 29.6.09 Received 2-7-09

Diary No. 26 Ec.	Enclos. one Spare Copies.	Serial No. 1.

BRIEF ABSTRACT OF LETTER.

Forwards an application of Mrs. Ernest Holroyd Martin of the Langlaagte estate and Gold mining Company Ltd, Langlaagte, Johannesburg, Transvaal for leave to file a Specification in respect of an invention for "Improvements in the preparation of ore and the like for milling".

NOTES AND ORDERS.

Power of attorney in question is of the last two mentioned kinds of stamps for being stamped & the application fee is to be remitted & the Surveyors Opinion is to be called for as the Specification above.

3 Dfts are accordingly submitted.

(6.7.09) VS

Issued 6.7.09

Notes—First sheet.

GPB—30,000—20.3.06

Serial No.	
2	To the Supdt of Stamps in Mysore No C 182 & 12.7.09. Forwards with Rs 1/- the power of attorney recd with sl 1, for being stamped returned -
3	To the State Geologist in Mysore No C 183 & 12.7.09 Forwards for opinion the Specification recd with sl 1
4	To the Officer in charge of the State Museum Mysore No C 184 & 12.7.09 Forwards Rs 10/- recd with sl 1 & requests acknowledgment -
5	From the above office No 21 d 12.7.09 Acknowledges the receipt of Rs 10 sent with sl 4 above.
6	To the Supdt of Stamps No 11 d 13.7.09 Returns the power of attorney sent with sl 2. 2 Offr. under to the Supdt of Stamps is submitted (C.J. 17.7.09) Issue 19/7/09
7	To the Supdt of Stamps. No C 368 & 22.7.09 Acknowledges the receipt of the power of attorney sent with sl 6.

NOTE—Contn. sheet.

General and Revenue Secretariat.

Gen File No 12 of 1909-10.

Serial No. 6.

From the State Geologist.

No 225 d 23.7.09.

States that with reference to his that the claims put forward by the inventor are too comprehensive and that it is undesirable to grant a patent in such general terms &c".

4 The State Geologist further states that the apparatus in claim 2 describes an operation in vague terms and that the process of invention is not suitable to all forms of milling machinery.

Under the above circumstances, either the lease applied for, to file a specification has to be refused or the applicant is to be asked to send up an amended specification which is free from all objections pointed out by the State Geologist.

Submitted for orders

(Sd) 28.7.09 Ven. 29/7. No permission asked for, may be refused for reasons stated in Dr. Smeeth's letter.

Subsidiary

29.7.09

6 Yes; please put up draft.

29/7

NOTE—Contn. sheet.

GPB—50,000—13-5-08

Serial No.	
	Opt refusing to grant leave to file a specification is put up as directed (Sd bus 31.7.09) Sd 31.7.09
	This draft is not quite in acc: with my instructions — Let the defects be noticed (as pointed out by Dr Smeeth) & let it be added that, in these circs, the Govt do not see their way to entertain the applⁿ — Sd 2-8-09
	Opt as directed above is submitted for approval. (Sd bus 3.8.09) Issd Sd 5.8.09
9	To Messrs Remfry & Son Calcutta No G 7538 & 9.8-09. Informs them that for reasons stated the applⁿ for leave to file the specification cannot be entertained.

NOTE—Contn. sheet.

To

MYSORE,

THE SECRETARY TO THE GOVERNMENT OF ~~INDIA,~~
General & Revenue Departments,
~~DEPARTMENT OF REVENUE AND AGRICULTURE (PATENTS).~~
Bangalore, Mysore.

From

REMFRY & SON,

Solicitors and Patent Agents,

CALCUTTA.

Case 2.

Dated Calcutta, 29th June 1909.

Sir,

We have the honour to forward herewith an Application of ERNEST HOLROYD MARTIN, Battery Manager, of the Langlaagte Estate and Gold Mining Company Limited, Langlaagte, Johannesburg, Transvaal, for leave to file a Specification under Part I of the Mysore Inventions and Designs Regulation, 1894, in respect of an Invention for "IMPROVEMENTS IN THE PREPARATION OF ORE AND THE LIKE FOR MILLING", and solicit the favour of your submitting the same for the orders of His Excellency the Dewan of Mysore.

The Power of Attorney under which we are acting is also sent and we solicit the favour of your having same stamped ₹1/-. A Post Office Order for ₹11/- is sent today.

We have the honour to be,

Sir,

Your very obedient servants,

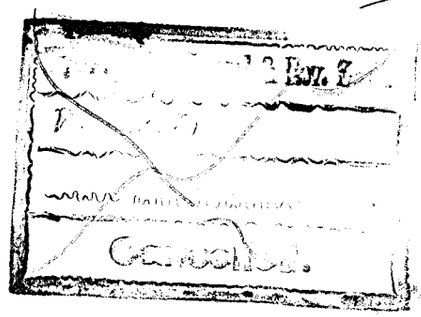
REMFRY & SON.

per

11/-
REMFRY & SON,

Application filing fee
& Stamping P/a of
E.H.MARTIN. Case 2.

REMFRY & SON.
per



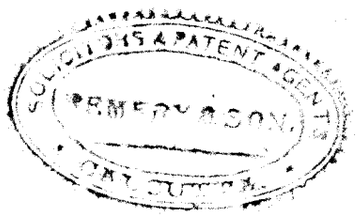
APPLICATION.

To the Dewan of Mysore.

The Application of ERNEST HOLROYD MARTIN, Battery Manager, of the Langlaagte Estate and Gold Mining Company Limited, Langlaagte, Johannesburg, Transvaal, for leave to file a Specification under Part I of the Mysore Inventions and Designs Regulation, 1894.

The applicant is in possession of an Invention for "Improvements in the preparation of ore and the like for milling"; he is the inventor thereof; and, to the best of his information and belief, the Invention is new within the meaning of Part I of the Inventions and Designs Act, 1894, and no circumstance exists which, if the Applicant is authorised to file a Specification and files it in accordance with that Part, will disentitle him to an Exclusive Privilege thereunder in respect of the Invention.

The following is a description of the Invention:-



The present invention relates to the milling of ore and like substances in stamp batteries or other reducing machinery of the class which receives ore mainly as irregularly sized lumps and discharges it through a screen principally in the form generally designated as "sands".

According to this invention, after the ore has passed through all the prior steps that are necessary or desirable e. g., sorting, breaking and passing through the bins, so that no further comminution will occur, and immediately before it passes into the milling machinery, it is graded so as to remove from it all material which is equal to or less than the maximum size which the milling machinery is designed to produce.

In carrying out the invention in conjunction with a stamp battery, there is provided between the feeder and the mortar box a suitable device by which material "oversize" to the battery screening is passed on into the mortar box, whilst the "undersize" is separated and conveyed preferably to the plate in front of the battery.

Such a device is shown in the accompanying drawings, of which Fig. I is a detached view and Fig. II is a transverse section through it and through the mortar box to which it is fitted.

The device includes a box like structure 1 formed with an angular bottom 2 sloping towards one end 3. The top of the box is covered with an inclined grizzly 4 preferably of the improved construction shown. In such improved grizzly a number of comparatively

narrow bars 5 are situated horizontally and stepped down from one another; the vertical spacing between the bars being somewhat greater than the horizontal spacing. This formation obviates obstruction of the grizzly, since any lumps which are only slightly larger than the horizontal spacing of the bars and would therefore tend to lodge in said spaces were the grizzly surface plane, are afforded an opportunity to pass by falling backwards through the somewhat larger vertical spaces. The grizzly bars may be held in place on top of the box by means of a frame 6 bolted to the box.

Below the grizzly is placed an inclined screen 7, the mesh of which is equal to that of the battery screening 8. Said screen is mounted upon a frame 9 and is passed into place through a slot 10 in the side of the box 1 so that it may be removed when required for repairs or otherwise. The upper edge 11 of the frame 9 is bevelled in order to carry the wire fabric as closely as possible to the back of the box. Material passed off the screen is carried by a lip 12 clear of the box. A door 13 is provided in the side of the box to permit the screen to be swept and inspected from time to time.

14 represents a perforated pipe from which a water spray is delivered over the grizzly to assist separation and conveyance of the material. 15 indicates a pipe by which pulp collected in the pointed bottom 2 is conveyed around the mortar box 16 and distributed onto the amalgam plate 17 or otherwise disposed of as may be thought desirable.

Immediately beneath the grizzly is arranged a cut-off device consisting of the two pivoted leaves 18 and 19 which are provided externally of the box with actuating levers 20 and 21 respectively. Lever 21 is cranked at 22 to form a handle; said handle being adapted when swung up to engage lever 20 and so cause both levers to be closed simultaneously. 23 represents a catch which engages lever 21 to hold the leaves in the closed position. When hanging normally as shown in Fig. II leaf 18 shields the upper edge of the frame against falling ore, whilst leaf 19 directs ore which falls onto it to the upper part of screen 7. The handle 21 may be provided with an extension 24 which prevents withdrawal of the screen 7 whilst the leaves 18 and 19 are open.

In fitting up the above described device it is attached to the mortar box 16 so that the lip 25 at the lower edge of the grizzly overhangs the usual feed opening 26, whilst a special aperture 27 is cut to receive material from the screen 7.

In operation all material fed from the feeder 28 falls onto the grizzly, from which the larger lumps roll directly into the mortar box feed opening 26. Such material as passes through the grizzly is received by the screen 7, which passes material oversize to the battery screen into the mortar box through aperture 27 but permits the undersize to continue through into the pointed bottom whence it is conveyed by the stream of water, supplied by pipe 14, through the pipe 15 and so distributed onto the amalgamting plate 17 or otherwise disposed of as may be desired.

When it is required to repair or inspect the screen 7 the leaves 18 and 19 are turned up into place under the grizzly, whereby all the ore is passed directly into the mill without separation.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:-

1. The method of preparing ore and the like for milling in milling machinery provided with discharge screening, which consists in separating from said ore, immediately prior to its entering the milling machinery, material undersize to the mill screening.

2. In combination with milling machinery provided with discharge screening, grading means adapted to separate from the ore about to be fed to the milling machinery, material undersize to the screening thereof.

3. In apparatus as specified in Claim 2, means for conveying the separated undersize ore beyond the milling machinery and adding it to the crushed ore discharged from the screening of the milling machinery.

4. Apparatus as specified in Claim 2 including a grizzly onto which the ore is fed and a screen of equal mesh to the mill screening, onto which screen material passing through the grizzly is fed, said grizzly and screen feeding their oversize into the mill, and means for collecting and conveying ore which passes through the screen.

5. Apparatus as specified in Claim 4 including diverting means whereby the whole of the ore may when required be passed directly to the mill.

6. Apparatus as specified in Claim 2 including a grizzly constructed of stepped horizontal bars, said bars being more widely spaced vertically than horizontally.

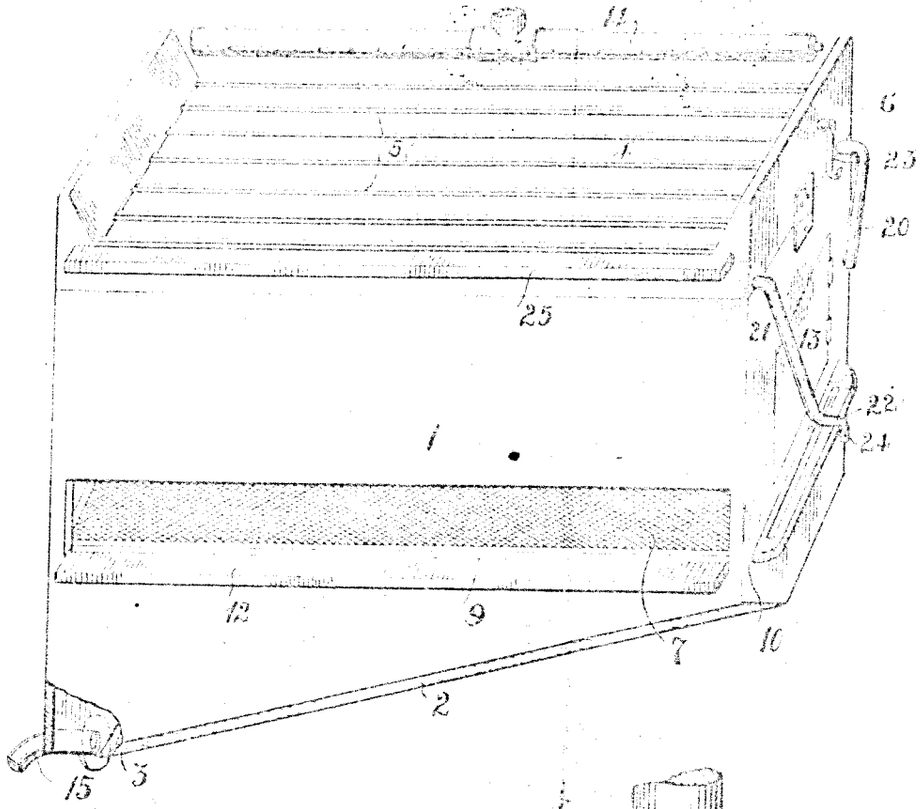
The applicant therefore applies for leave to file a Specification of the Invention pursuant to Part I of the Inventions and Designs Regulation, 1894.

W. H. Martin

I, the Applicant above named, do declare that the facts stated in this Application are true to my knowledge, except as to matters stated on information and belief and as to those matters I believe them to be true.

Dated this day of June, 1909.

W. H. Martin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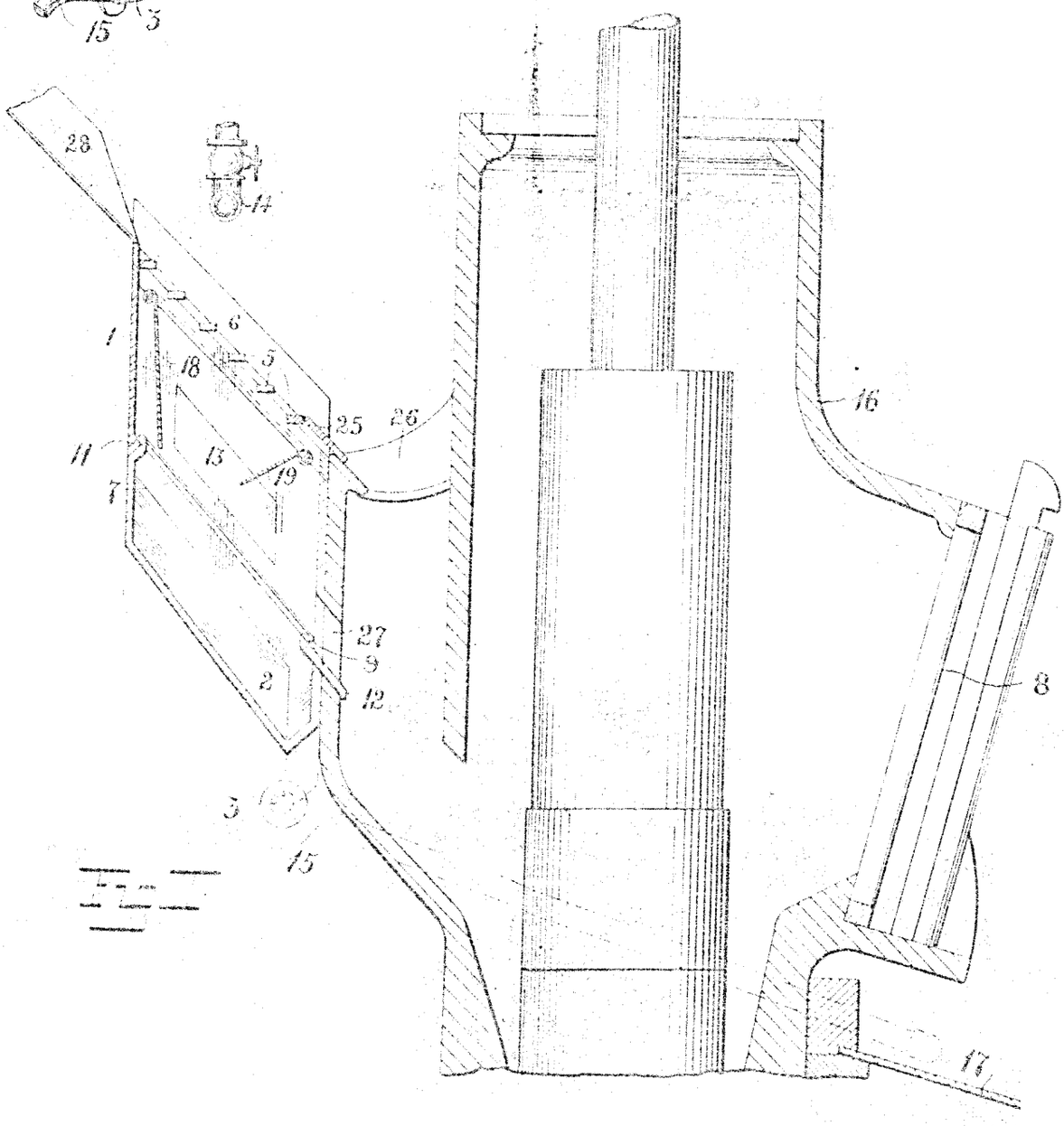
Фиг. 1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Фиг. 2

G.R.S. 29A]

190

From

Secy. to the Govt. of His Highness
the Maharaja of Mysore,
Genl. and Rev. Dept.

To

The Supdt of Stamps
in Mysore.

Dated 12.7.09
Despatched
Received G 182/8m 12-09-2
General No.
No.

Enclosure No. One cutta
Rs one

Has the honor to forward for
being stamped and returned
a power of attorney executed by
Mr. Ernest Holroyd Marlin
in favour of Messrs Robert
Remfry and Hamilton Greens
Remfry of Calcutta in ~~the~~
connection with the former's invention
for "Improvements in the
preparation of ore and the like
for smelting"!!

A sum of one rupee is herewith sent
towards the stamping fee.

B.O.

for Secy

MGCPB--20,000--16-2 05

From

Secy. to the Govt. of His Highness
the Maharaja of Mysore,
Genl. and Rev. Dept.

To

The State Ecologist
in Bangalore.

Dated
Despatched 12-7-09

Received
General No. G 183/Gen 12-09-3
No.

Enclosure No. One

Has the honor to forward ~~for reference~~ a specification in respect of an invention for improvements in the preparation of Eco and to ask for ruling" received from Mr. Ernest Holroyd Watts of Johannesburg, Transvaal and to request that the same may be returned with his remarks as to the justification for enclosing privilege being granted

in the State for the above invention

B. O.

Obj.

G.R.S. 29A]

190 .

From

Secy. to the Govt. of His Highness
the Maharaja of Mysore,
Genl. and Rev. Dept.

To

The Officer in charge
of State Papers &c.

Dated

Despatched 12-7-09

Received

General No. G 184/Gen 12-09-4
No.

Enclosure No. Rs 10/-

I am to request Rs 10
(ten only) being the application
fee received from the Govt
Holroyd Mallet of Johannes-
burg, Transvaal, in respect
of his invention for improve-
ments in the preparation of
ore and the like for milling &c
& regret that if no
the fee may be credited to Govt
& acknowledgment sent to
this office

MGCPB-20,000-16-2-05

G. No. 12 of 1909-10
Sec. 5

No. 21 Vouchers No. 7 Rs. 10/- 216

Received From the Secretary to the Government of Mysore, General and Revenue Departments, Bangalore,

the sum of Rupees Ten only, being the application fee received from Mr. Ernest Holroyd Martin of Johannesburg, Transvaal, in respect of his invention for "Improvements in the preparation of ore and the like for milling" & credited this day. Vide, His No. G 184/Gen. 12-09-4, dated 12th July 1909.

H. H. THE MAHARAJA'S STATE HUZUR TREASURY,
BANGALORE, the 12th July 1909

~~BY ORDER,~~

Exd.

Hd. Acctt. ~~Bakshi~~ Treasurer

Treasury Officer, State Huzur Treasury.

~~189~~ 1909

From

THE SUPERINTENDENT OF STAMPS,
MYSORE GOVT., BANGALORE.

To

THE SECRETARY TO THE GOVT. OF MYSORE,
GEN. AND REV. DEPTS.

Dated 13th

Despatched July 09

Received

General No. 11
No.

Enclosure No. one Stamped Power of attorney.

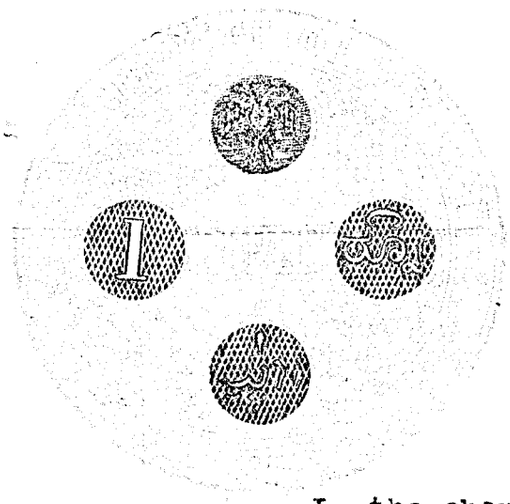
Sir

I have the honor to return herewith duly stamped the Power of attorney received with your docket No. G/182/Gen/12-09-2 dated 12th July 09, and to request the favor of an acknowledgment.

I have the honorable
Sir
your most obedient servant

Superintendent
of Stamps in the pens

POWER OF ATTORNEY.



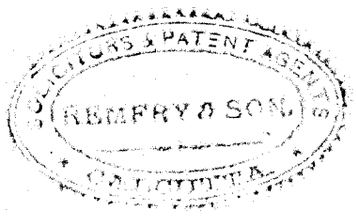
In the matter of the Inventions and Designs Regulation, 1894, of the Government of Mysore and in the matter of ERNEST HOLROYD MARTIN, Battery Manager, of the Langlaagte Estate and Gold Mining Company Limited, Langlaagte Johannesburg, Transvaal, an Inventor.

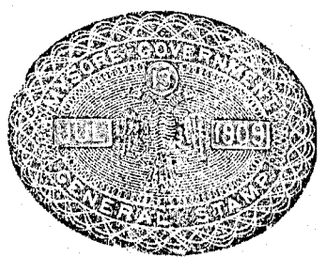
I, the abovenamed ERNEST HOLROYD MARTIN, do hereby retain, constitute and appoint RUPERT REMFRY & HAMILTON GREEVES REMFRY, both of Hastings Street, Calcutta, as my Agents and Attorneys to apply for and obtain from the Government of Mysore and keep in force an Exclusive Privilege or Letters Patent for "Improvements in the preparation of ore and the like for milling", and I authorise them to sign my name to such papers and writings and do such acts regarding the same, including the appointment of a substitute or substitutes, as may be necessary or expedient.

Dated this 4th day of June, 1909.

Signed, Sealed and Delivered in the presence of:-

Alfred L. Spoor.





G.R.S. 29A]

190 .

From

Secy. to the Govt. of His Highness
the Maharaja of Mysore,
Genl. and Rev. Dept.

To

The Supt. of Stamps
in Mysore.

Dated

Despatched 22-7-09

Received

General No. G 368/gm 12-09-7
No.

Enclosure No.

---

has the honor to
acknowledge the receipt
of the Power of Attorney
forwarded with his
letter No. 11 dated the 13th
July 1909.

for Secy

Secy

11/7

Yes 11/7

MGCFB—20,000—16-2-05

MYSORE GEOLOGICAL DEPT.

190 S. 40

From

W. F. SMEETH Esq., M.A., A.R.S.M., &c.,
State Geologist in Mysore.

Gen. 12, 1909-11
S. 8.

To

The Secretary to Govt.,
Gen. & Rev. Depts

Dated
Despatched } 23rd July 1909.
Received

General No. 225
No.

Enclosure No. one

Reporting on the specification of an invention for "Improvements in the preparation of ore & the like for milling" from Mr. Ernest Holroyd Martin of Johannesburg received with his No. G.183/G.M.-12-09-3 dated 12.7.09.

M G D 13]

MYSORE GEOLOGICAL DEPARTMENT,

DATED BANGALORE, 23rd July 1909.

No. 225

Encl. one

From

DR. W. F. SMEETH, M.A., D.SC., A.R.S.M., &c.,
State Geologist in Mysore.

To

K.S. Chandrasekhara Iyer, Esquire, B.A.,B.L.,
Secretary to the Government of His Highness
the Maharaja of Mysore,Gen.& Rev.Depts.

SIR,

With reference to your No.G.183/G.M.12-09-3,dated 12th July 1909, forwarding for remarks a specification of an invention for "Improvements in the preparation of ore and the like for milling" received from Mr.Ernest Holroyd Martin of Johannesburg, Transvaal, I have the honour to state that in my opinion the claims put forward by the inventor are too comprehensive and that it is undesirable to grant a patent in such general terms.

2. I may observe also that in each of the claims 3 to 6 "apparatus as specified in claim 2" is referred to, but no apparatus is actually specified in claim 2, which merely describes an operation in rather vague terms.

3. So far as I can see, the particular piece of apparatus described and its application to a stamp battery are novel and might be specifically claimed as an invention; but the master patent for applying such a sizing process to all forms of milling

GPB—300—17-1 08

milling machinery cannot, I think, be granted.

4. The specification is returned herewith.

I have the honour to be,

Sir,

Your most obedient servant,

W. F. Smeeth

State Geologist in Mysore.

C.N.

G.R.S. 26]

Sec 12/09/10

File No.

ab

Serial No. 9

Diary No. of letter replied to 411

No 6/7538

9.8.09

General and Revenue Secretariat

( )

, the 190

To

Messrs Remfry and Son

Solicitors and Patent

Agents, Calcutta

Gentlemen,

With reference

to your letter dated the

29th June 1909, forwarding

an application of Mr Ernest

Holroyd Martin, Battery

Manager, of the Langlaagte

Estate and Gold mining

Company Limited, Johanes-

burg, Transvaal,

for leave to file a

Specification in respect

of an invention for —

"Improvements in the

preparation of ore and

over.

Date of issue 9-8-09

Signed by

X Ho/ 11

B

SUBJECT.

the like for milling",
I am directed to observe
that the claims
put forward by the inventor
are too comprehensive,
(2) that in each of the claims
3 to 6 apparatus as
specified in claim 2"
is referred to, but
no apparatus is actually
specified in Claim 2
which merely describes
an operation in rather
vague terms;
(3) and that
though the particular
piece of apparatus
described and its
application to a stamp
battery are novel
and might be specifically

List of enclosures

Copied by

Examined by

GPB—10,000—20-4-06.

G.R.S. 27]

GENERAL AND REVENUE SECRETARIAT.

(*Continuation Sheet draft form.*)

claimed as an inventor, it yet, it is not sufficient reason for granting master patent for applying such a sizing process to all forms of milling machinery.

2. In these circumstances, I am directed to inform you that ~~the~~ Govt. regret that they do not see their way to entertain the application.

I have &c

Sd/-

H. Lee

for